

Date: Wed, 2 Jun 93 10:04:42 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #670
To: Info-Hams

Info-Hams Digest Wed, 2 Jun 93 Volume 93 : Issue 670

Today's Topics:

Alinco DJ-580 question
Call Sign Server, Where?
Collins tool (2 msgs)
Copyright Violation
Help. Magnetic loop antennas
Help from anyone in the S.F. Bay Area
How do I obtain permission to operate 2m fm in Germany
HTX-202 mods
IC 271/471 vs IC 275/475 Performance Question
Icom IC-24AT Query
Velocity of light (4 msgs)
Warning! FT5200 DANGER!
Where are the 200x1t mods? (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 2 Jun 1993 16:04:03 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!news1.boi.hp.com!
swalton@network.UCSD.EDU
Subject: Alinco DJ-580 question
To: info-hams@ucsd.edu

I'd like to know more about the transmit mod. Can you send me some info?
I've had my 580 for about six months and have had no problems with intermod.
But, I don't exactly live in a very HAM-crowded area (Boise). To the other
gentleman, I would recommend putting a small switch which can be inside the

HT. This may keep your options open.

-Sean Walton
KB7RFA
swalton@hpbs3125.boi.hp.com

Date: 2 Jun 1993 10:00:13 -0400
From: usc!sdd.hp.com!spool.mu.edu!hri.com!noc.near.net!jericho.mc.com!
levine@network.UCSD.EDU
Subject: Call Sign Server, Where?
To: info-hams@ucsd.edu

In article <2947977736.4.p00489@psilink.com>, "Terry Stader KA8SCP"
<p00489@psilink.com> writes:
|> Paul... tnx for this info. I'll give it a try and see if that gets a
|> reply any quicker. What I'll also do is make the same suggestion in the
|> text file that instructs our AOL users to do the same.
|>
|> Again... tnx.
|>
|> >DATE: Sat, 29 May 1993 02:26:49 GMT
|> >FROM: Paul W Schleck KD3FU <pschleck@cwis.unomaha.edu>
|> >
|> >"Terry Stader KA8SCP" <p00489@psilink.com> writes:
|> >
|> >>I have been getting reports that the callbook@sat.datapoint.com has not
|> >>been working. Anybody on the net able to confirm that? It seems that
|> >>some of the AOL users have not gotten replies in several months.
|> >
|> >I just did a test query to the address, and got a reply in seconds (yes,
|> >I'm directly on the Internet :-). What may be happening is that the
|> >server cannot resolve your return address. In that case, you may have
|> >to add a line at the end of the form:
|> >
|> >path tstader@aol.com
|> >
|> >and then see if it responds. You may also have to put "quit" after the
|> >commands and before your signature file (if any) to avoid confusing the
|> >server.
|> >
|> >73, Paul W. Schleck, KD3FU
|> >
|> >pschleck@unomaha.edu
|> >
|>

I tried the 2 servers listed and they worked fine, however the databases are way out of date. Dec 1991 I think they both were. I got this call in the mail on Jan 14, 1992 and it was not listed in either.

callbook@sat.datapoint.com
callsign.cs.buffalo.edu 2000

Bob KD1GG

Date: 2 Jun 93 09:35:29 est
From: psinntp!arrl.org@uunet.uu.net
Subject: Collins tool
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, davidj@rahul.net (David Josephson) writes:

[deletions]

>This is a Bristol spline setscrew. Xcelite and others make sets

[deletions]

Is *Bristo*, no *l*.

Regards/WJ1Z

David Newkirk, Senior Asst Tech Editor | voice: 203-666-1541 X280
American Radio Relay League | fax: 203-665-7531
225 Main St, Newington CT 06111 USA | net: dnewkirk@arrl.org

Date: 2 Jun 1993 15:37:41 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!math.ohio-state.edu!darwin.sura.net!mojo.eng.umd.edu!
chuck@network.UCSD.EDU
Subject: Collins tool
To: info-hams@ucsd.edu

In article <1543@arrl.org> dnewkirk@arrl.org (Dave Newkirk) writes:
>In rec.radio.amateur.misc, davidj@rahul.net (David Josephson) writes:
>
>[deletions]
>
>>This is a Bristol spline setscrew. Xcelite and others make sets

>
>[deletions]
>
>Is *Bristo*, no *l*.

Uh huh. You may believe that, but then you would be wrong. Government tech manuals dating back to the '40s disagree with you, as does Xcelite, and, of course, me.

73,

Chuck Harris - WA3UQV
chuck@eng.umd.edu

Date: Wed, 2 Jun 1993 15:06:11 GMT
From: netcomsv!netcom.com!grady@decwrl.dec.com
Subject: Copyright Violation
To: info-hams@ucsd.edu

And by putting such an obviously exaggerated copyright notice on the Directory, the ARRL may suffer the fate of Ashton-Tate's overly broad claim to DBASE copyright: a federal judge might decide that they are misusing the copyright law and thus invalidate *all* of it.

--
grady@netcom.com 2EF221 / 15 E2 AD D3 D1 C6 F3 FC 58 AC F7 3D 4F 01 1E 2F

Date: 2 Jun 1993 16:10:57 GMT
From: usc!cs.utexas.edu!uwm.edu!ux1.cso.uiuc.edu!roundup.crhc.uiuc.edu!
uicsl.csl.uiuc.edu!gene@network.UCSD.EDU
Subject: Help. Magnetic loop antennas
To: info-hams@ucsd.edu

rjc@crosfield.co.uk (roger clark) writes:

>Hi,

> I want to setup my HF station at my new address, but I've only got a
>small garden (40 feet) and I don't want to upset my new neighbours, so
>I magnetic loop antenna seems a good idea for 80 and 40.

>There seem to be several firms selling magnetic loops of various varieties,

>and I'm not sure what to go for or whether they work very well or not.

>Has anyone any experience of these types of antennas that they could enlighten
>me with ?

>Thanks in advance

> Roger Clark G4KYF

See June '93 "Worldradio" magazine/(newspaper) for 160-80-40M magnetic loop.

--

UUCP: {att,iuvax,uunet}!uiucuxc!uicsl!gene
Internet, BITNET: gene@uicsl.cs1.uiuc.edu

Date: 2 Jun 1993 11:08:26 GMT
From: pacbell.com!barrnet.net!noc.usfca.edu!noc.usfca.edu!callis@network.UCSD.EDU
Subject: Help from anyone in the S.F. Bay Area
To: info-hams@ucsd.edu

I have an Icom-24AT which I would like modified for cross-band repeat, extended transmit mode, etc. Add to that I need my BNC coupling firmly held down, and possible a TNC cable between my HT and a Kamtronic KPC-3... With this in mind, and keeping in mind that I am a starving college student, is there anyone in the San Francisco Bay area, who could help me out??? If so, please e-mail me or give me a call at (415)666 5754

--

* Kim C. Callis *
* Univ. of San Francisco, San Francisco, CA *
* EMAIL: callis@usfca.edu or callis@dons.ac.usfca.edu *

DISCLAIMER: As long as nothing I say attempts to represent the views of the Univ. of San Francisco, they could care less what I have to say. Meaning that anything said, like it or not, is strictly

my own personal opinion and views.

Date: 2 Jun 93 15:31:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: How do I obtain permission to operate 2m fm in Germany
To: info-hams@ucsd.edu

Hello,

I hope to be going to Germany in late June and July and would like to bring my 2 meter hand held with me. Does anybody know what kind of permissions I need to operate? Is there any problem bringing my rig into and out of Germany? What kind of time frame is needed to obtain permission?

Thanks in advance

Tom Jennings KV2X

jennings@abb.com

Date: Wed, 2 Jun 1993 14:25:05 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!darwin.sura.net!rsg1.er.usgs.gov!
resdgs1.er.usgs.gov!tbodoh@network.UCSD.EDU
Subject: HTX-202 mods
To: info-hams@ucsd.edu

In article <9306011734.aa14703@cbda7.apgea.army.mil>, wejones@cbda7.apgea.army.mil
(Bill Jones) writes:

|> >
|> > PS: Is it normal for the 202 to have a birde on 146.760?? Maybe that
|> > is common?? cul
|> >
|> I don't know about normal, but mine does it too. So does a friends. It
|> is not picking up an external signal. BTW, it only is observed when the
|> rubber ducky is used, ie when an external antenna is used, it goes away,
|> so it seems to be an oscillation involving reactive components in the
|> rubber ducky! It goes away if you hold your hand near the antenna too,
|> but so does the reception of distant signals.
|>

--

It would be interesting to try the duckie from another brand of HT to see if
the birdie moves or goes away altogether...

++++++
+ Tom Bodoh - Sr. systems software engineer
+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
++++++

Date: Wed, 2 Jun 1993 09:30:59 GMT
From: usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!usenet.ins.cwru.edu!agate!
doc.ic.ac.uk!pipex!uknet!sni.co.uk!lehane@network.UCSD.EDU
Subject: IC 271/471 vs IC 275/475 Performance Question
To: info-hams@ucsd.edu

David Stockton (dstock@hpmoca.sqf.hp.com) wrote:

: Hope this helps a bit, if no-one beats me to it, I'll dig out an
: address,
Well, I'm not sure whether this is ahead of you but the Mutek address is:

MuTek Limited
P.O. Box 24
Long Eaton
Nottingham
NG10 4NQ
ENGLAND

Telephone: +44 (0)602 729467

I would agree with the lousy front end switching on the 251 and replaced mine with relay. I like my 251 and, as others have commented, it has plenty of space for modifications, in my case I added an auto tracking doppler system for the sats.

73's Lehane

--

Lehane Kellett. G8KMH. Siemens Nixdorf Information Systems, Bracknell.
lehane@siesoft.co.uk NTS: g8kmh@gb3xp amprnet: g8kmh@g8kmh.ampr.org
Standard disclaimers apply. Warranty void if opened.

Date: Wed, 2 Jun 1993 13:44:10 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!cs.utexas.edu!swrinde!gatech!
udel!gvlsl!rossi@network.UCSD.EDU
Subject: Icom IC-24AT Query
To: info-hams@ucsd.edu

In article <fred-mckenzie-010693131613@k4dii.ksc.nasa.gov> fred-
mckenzie@ksc.nasa.gov (Fred McKenzie) writes:
>In article <1993May30.021127.5027@wattres.SJ.CA.US>, sking@wattres.SJ.CA.US
>(Steve King) wrote:
>> I have a question re. the Icom IC-24AT. Where, in the front speaker
>> grille, is the microphone located? I know my HT works but some people
>> on the local repeater have told me that my volume/modulation is very
>> low despite I talk into the grille at a normal speaking volume. Does
>> anybody know where the microphone is located to I can direct my voice
>> to that spot? Thanks
>
>Steve-
>
>The IC-24AT seems to have a chronic problem with low modulation. There is
>only a peak deviation adjustment (separate VHF and UHF adjustments), so you
>have to take whatever microphone gain there is after setting the peak. I
>believe the microphone element is located below the speaker, toward the
>right side. If you hold it at just the right angle, I think you can see
>the opening.

I have had an IC-24AT for the past 11 months and never had any problems with
low audio. Most of the time I use a HM-54 speaker/mike but even with the
built in mike it sounds great on 2 meters and 440. I never adjusted anything.

=====
Pete Rossi - WA3NNA

rossi@VFL.Paramax.COM

Paramax Systems Corporation - a Unisys Company
Valley Forge Engineering Center - Paoli, Pennsylvania
=====

Date: 2 Jun 93 13:39:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: Velocity of light
To: info-hams@ucsd.edu

Although this question is a little removed from ham radio, but still
related to the subject(radio signals travel at the velocity of light in
free space), Does anyone out there know why Einstein used the term
c in the famous equation, $E = mc^2$, where c = velocity of

light (300,000 mtrs/sec) ??
Seth T. KC2WE

Date: Wed, 2 Jun 1993 15:00:49 GMT
From: pacbell.com!att-out!cbnewsj!k2ph@network.UCSD.EDU
Subject: Velocity of light
To: info-hams@ucsd.edu

Date: Wed, 2 Jun 1993 15:16:25 GMT
From: usc!math.ohio-state.edu!sol.ctr.columbia.edu!news.columbia.edu!
cunixf.cc.columbia.edu!mac20@network.UCSD.EDU
Subject: Velocity of light
To: info-hams@ucsd.edu

Firstly, the speed of light (in a vacuum) is 300,000,000 meters/sec
 3×10^8 m/s or
300,000 Kilometers/sec (which is what you probably meant to write)

Secondly, the "choice" for using the speed of light is a result and a statement of Einstein's theory of relativity which, generally speaking, came about due to the need to explain real-world experiments of the time and "thought" experiments of Einstein's creation. Plus it was built on previous work of other scientists to some degree.

Not sure if this is still an answer to your question but i might point out that in classical mechanics a _particles_ kinetic energy is given by $E = \frac{1}{2} m v^2$ and one popular tenant of relativity is that nothing can move faster then the speed of light.

Mike
KF2NV

**** "Of course TV is a medium, ****
*** It's not rare, ***
*** And it's certainly not well done." ***

Date: 2 Jun 1993 16:30:06 GMT
From: usc!math.ohio-state.edu!darwin.sura.net!bogus.sura.net!news.larc.nasa.gov!

arbd0.larc.nasa.gov!zawodny@network.UCSD.EDU
Subject: Velocity of light
To: info-hams@ucsd.edu

Come on you pontificators, the guy just wants to know why Einstein chose the letter "c" to represent the speed of light. Nothing more.

--

Joseph M. Zawodny (K04LW)
Internet: zawodny@arbd0.larc.nasa.gov
Packet: ko4lw@wb0tax.va.usa

NASA Langley Research Center
MS-475, Hampton VA, 23681-0001

Date: Wed, 2 Jun 1993 13:37:10 GMT
From: swrinde!cs.utexas.edu!wupost!gumby!destroyer!vela.acs.oakland.edu!w8hd!
kenh@network.UCSD.EDU
Subject: Warning! FT5200 DANGER!
To: info-hams@ucsd.edu

system@garlic.sbs.com (Tony Pelliccio) writes:

>Well, there are two lessons to be learned from this. One, never leave
>the radio on in your car. Two, there's a modification for the MW-1 that
>will only let the radio key up when it receives both the 49MHz signal
>and an infrared command from the MW-1 remote. I think they list it in
>the users manual for the MW-1. By the way, are you pleased with the way
>the MW-1 works? I sent mine back after three days. It was a piece of
>junk.

>Tony

I'm aware of the mod, Tony, but it makes the unit quite intermittant in normal operation.

I have a love-hate relationship with the unit...the audio stinks, but it sure is convenient, and safer, to operate the radio while driving.

KWH

--

kenh@w8hd.org

Ken Hoehn - Teletech, Inc.

Compuserve: 70007,2374

N8NYO

P.O.Box 924

FAX: (313) 562-8612

Dearborn, MI 48121

VOICE: (313) 562-6873

Date: 2 Jun 93 13:02:59 GMT
From: news-mail-gateway@ucsd.edu
Subject: Where are the 200xlt mods?
To: info-hams@ucsd.edu

Hello,

Does anybody know where I can find mods for the
Uniden/Bearcat 200xlt scanner?

Thanks in advance

Tom Jennings KV2X

jennings@abb.com

Date: Wed, 2 Jun 1993 14:40:23 GMT
From: usc!wupost!darwin.sura.net!rsg1.er.usgs.gov!resdgs1.er.usgs.gov!
tbodoh@network.UCSD.EDU
Subject: Where are the 200xlt mods?
To: info-hams@ucsd.edu

In article <9306021203.AA11376@nms1.abb.com>, jennings@abb.COM writes:

|> Hello,
|>
|> Does anybody know where I can find mods for the
|> Uniden/Bearcat 200xlt scanner?
|>
|> Thanks in advance
|>
|> Tom Jennings KV2X
|>
|> jennings@abb.com

--

I sell the ceramic resonator which doubles the scan/search rate of the
BC100/200/205XLT, PRO-35 and Regency R4020/4030 to 41 ch/sec. Please
email me for further info if you are interested.

There are also mods to restore cellular and increase battery life. These
can be found on most any of the ham radio FTP servers or in the Scanner
Modification Handbook II by Bill Cheek. This book is also an excellent
general reference for scanning. Bye...

++++
+ Tom Bodoh - Sr. systems software engineer

+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66)

+
+ "Welcome back my friends to the show that never ends!" EL&P

+++++

Date: Wed, 2 Jun 1993 15:04:51 GMT
From: swrinde!cs.utexas.edu!uwm.edu!spool.mu.edu!agate!news.ucdavis.edu!
othello.ucdavis.edu!ez006683@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993May31.235517.20113@w8hd.org>, <C7xEB2.I7G@olwejo.UUCP>,
<nagleC7zAqH.AHw@netcom.com>llo.ucd
Subject : Re: Warning! FT5200 DANGER!

John Nagle (nagle@netcom.com) wrote:
: root@olwejo.UUCP (Bob Kupiec) writes:

: >>DO NOT, *REPEAT*, DO NOT leave your radio on an unattended with this
: >>option installed.....any 49 MHz transmission in it's vicinity will be
: >>dutifully repeated through the radio and onto the air that is selected on
: >>the left frequency display.

: I'm suprised they even market a "wireless mike" option like that.
: The unit is acting as a repeater, but it doesn't have any of the controls
: a repeater is required to have. No ID, no remote shutdown, etc.
: Should the FCC be asked to yank its type approval?

I think a more appropriate question might be regaring the legality of
using 49Mhz as the link frequency anyway. This is not acting as an
amateur repeater because the mike to radio link is in a non-amateur band.
If I remember correctly the FCC doesn't like the relaying of non-amateur
transmissions over our bands with the exception of shuttle ops with the
authorization of NASA. Is there another exemption for 49Mhz?

Dan

--

* Daniel D. Todd Packet: KC6UUD@WA6RDH.#nocal.ca.usa *
* Internet: DDTODD@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *

* I do not speak for the University of California.... *

* and it sure as hell doesn't speak for me!! *

Date: (null)

From: (null)

Unfortunately, I don't have the answer to the question, but I just HAD to point out that the velocity of light in free space is approximately 3.0e08 meters per second, not 3.0e05. It can be shown that this is approximately 1.8e12 furlongs per fortnight.

Oh yes, :-)

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

Date: 2 Jun 1993 13:12:45 GMT
From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!haven.umd.edu!cville-srv.wam.umd.edu!ham@network.UCSD.EDU
To: info-hams@ucsd.edu

References <feustelC7ywut.CGu@netcom.com>, <C7z427.5MB@feenix.metronet.com>,
<1uhk1jINNjc6@news.u.washington.edu>um
Subject : Re: Best Mobile Dual-Band Rig?

>Has anyone had any experiences with the Standard C5608DA? I like the
>layout, but was wondering if it's a good radio. Standard isn't one of the
>most common names I hear...

I hadn't heard of Standard much until recently. They were at the Dayton hamfest, but even then I didn't see many around.

So where did they show up? They make MARINE radios. You know, the 156 MHz band radios that are shock and water resistant? A LOT of pretty expensive boats come with Standard's VHF Marine radios.

Scott NF3I

--

73,

----- The
 \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00

WAC CW/SSB WAS 95% of the way to DXCC -----| Dipoles! Antenna!

End of Info-Hams Digest V93 #670
